

# Butyl Stainless Steel Tape

## PRODUCT OVERVIEW

Polyguard Butyl Stainless Steel Tape is a self-adhered, stainless steel-faced butyl accessory tape designed for approved building envelope detailing applications. The primary intended use is as a UV-resistant sacrificial protection layer over approved Polyguard waterproofing membranes at exposed transition conditions, including below-grade-to-cladding transition gaps where membrane exposure may occur prior to installation of final cladding, counterflashing, or other coverings. The stainless steel facer provides environmental and UV protection for the exposed membrane area. The Polyguard waterproofing membrane remains the primary waterproofing component.

### Product Specifications:

Width: 3 inches

Length: 60 feet

Roll Size: 3 in. x 60 ft.

Color: Silver

Adhesive Type: Butyl, single-sided self-adhesive

Construction: stainless steel facer laminated to butyl adhesive with release liner

Approximate construction in mils: 2 mil stainless steel foil + 24 mil butyl adhesive + 2 mil release liner

Total Thickness: 28 mils

Packaging: 12 rolls per carton; 36 cartons per pallet; 432 rolls per pallet

Property	Substrate or Condition	Reported Value
Thickness		28 mils
Persistent Adhesivity, min		>=20
Heating Resistance, 176°F, 2 h		No flowing, deformation
Low-Temperature Flexibility -40°F		No cracking
Shear Bonding Strength N/mm	Waterproof membrane	>=2.0
Peel Strength, N/mm	Cement board	>=0.6
Peel Strength Retention @ Heating Treatment 176°F, 168h, %	Cement board	>=80
Peel Strength Retention @ Saturated Calcium Hydroxide Solution, 168h, %	Cement board	>=80
Peel Strength Retention @ Submersion Treatment, 168h, %	Cement board	>=80
Tensile Strength, MPa		>=520
Elongation, %		>=3

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### Surface Preparation

Surfaces should be clean, dry, sound, and free of dust, dirt, oil, grease, frost, loose material, and other contaminants that may interfere with adhesion. When applied over Polyguard waterproofing membranes, the membrane surface should be clean, dry, and properly installed before tape placement.

### Installation Guidance

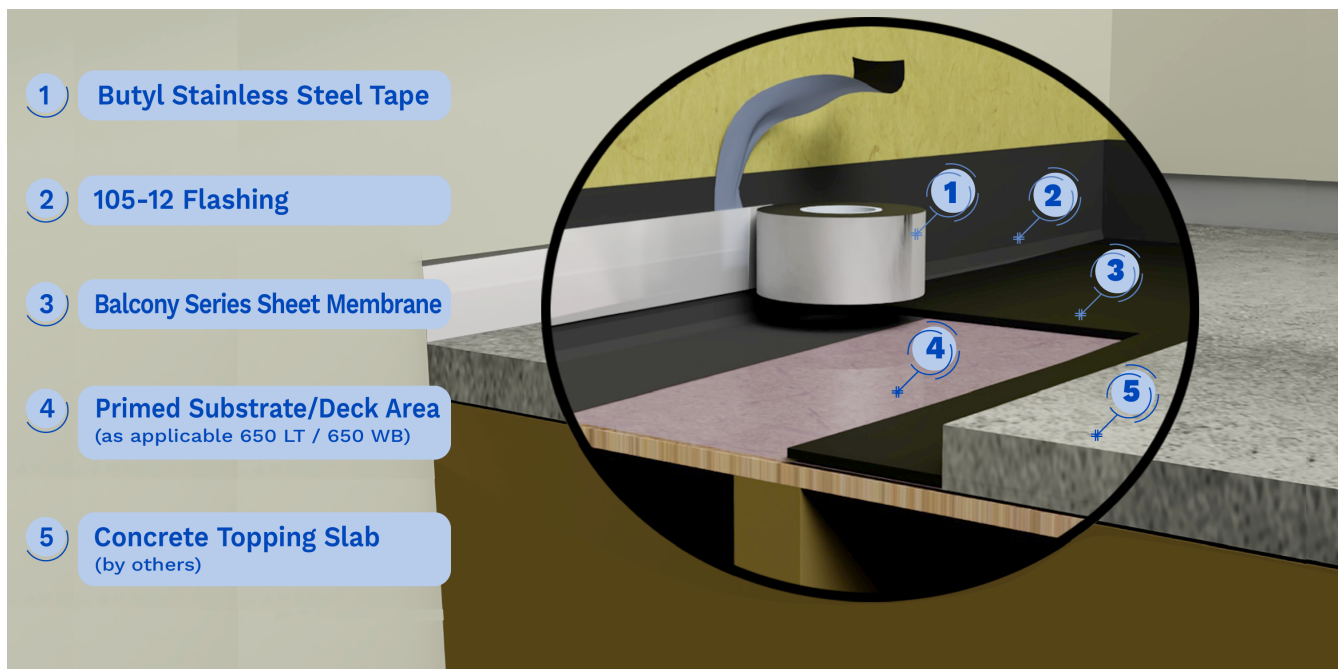
Apply tape directly over the approved Polyguard membrane or approved substrate. Remove the release liner while placing the tape and press firmly into position. Roll or apply firm pressure over the entire tape surface to ensure full contact and adhesion. Avoid wrinkles, fishmouths, bridging, and trapped air. Overlaps, terminations, and transitions should be installed in accordance with approved Polyguard details or project-specific instructions.

### Compatibility

The product is compatible with Polyguard waterproofing membranes and related asphalt- and butyl-based tapes when properly prepared and installed.

### Limitations

This product should not be used as the primary waterproofing membrane, as a structural repair material, or as a substitute for final cladding, covering, drainage, flashing, or other required system components unless specifically approved. Do not install over wet, frozen, contaminated, loose, or unsound substrates. Do not use in applications subject to continuous submersion, hydrostatic pressure, traffic exposure, or other conditions outside approved Polyguard details unless specifically approved. Compatibility with adjacent sealants, membranes, coatings, or substrates should be confirmed prior to use.



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